

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2004/000586

A. CLASSIFICATION OF SUBJECT MATTER

IPC B22C9/24 B22C9/22 B22D15/02 B22D23/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC B22C9/24,B22C9/22,B22D15/02,B22D23/02,B22D21/04,B22D21/02,B22D11/04,B22D25/02,B22D35/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Invention Patent of China ,Utility Model Patent of China

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT,WPI,EPODOC,PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN1098345A (SUN J) 08.FEB.1995(08.02.95) the whole document	1-22
A	FR2237156A1 (L MONTAGNE) 14.MAR..1975(14.03.75) the whole document	1-22
A	CN1211481A (FUM) 24.MAR.1999(24.03.99) the whole document	1-22
A	US4251253A (HERMANN HEYE) 17.FEB.1981(17.02.81) the whole document	1-22
A	FR2766172A1 (SAINT-GOBAIN EMBALLGE SA,ET AL) 22.JAN.1999(22.01.99) the whole	1-22

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
18.AUG.2004(18.08.04)

Date of mailing of the international search report
02 · SEP 2004 (02 · 09 · 2004)

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INTERNATIONAL SEARCH REPORT
 Information on patent family members

International application No.
 PCT/CN2004/000586

Citation of Document	Date of Publication	Patent Family Members	Date of Publication
CN1098345A	1995-02-08	NO	
FR2237156A1	1975-03-14	FR2237156AB	1975-08-25
CN1211481A	1999-03-24	CN1059618B	2000-12-20
US4251253A	1981-02-17	BE845000A IE44381L DK378176A DK150742B DK150742C NL7609218A NL174340C DE2537037ABC JP52025816A JP55011618B JP1021101C	1976-12-01 1977-02-20 1977-02-21 1987-06-09 1987-11-02 1977-02-22 1984-06-01 1977-02-24 1977-02-36 1980-03-26 1980-11-25
FR2766172A1	1999-01-22	WO9903789A AU8633798A	1999-01-28 1999-02-10